

Program Description/Textbook or Print Instructional Material

Vendor: Thomson Learning/Course Technology Web Address: www.course.com

Title: Network + Guide to Networks

Author: Dean Copyright: 2002

ISBN: 0-619-06301-7 Course/Content Area: Vocational and Career Education; Information Technology Program; Networking

Intended Grade or Level: 9-12 Readability Level: 12.0 (Flesch-Kincaid)

List Price: 63.95 Lowest Wholesale Price: 47.50

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p. 8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the material is placed on the State Multiple List.

Level of Accommodations (Level One, Two or Three) Level Three

If Level Two or Three, please provide rationale for not meeting Level One Compliance It is not financially feasible for our products to meet Level One at this time.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

- Designed to prepare users for CompTIA's Network+ certification exam, this text is also an excellent general networking book, covering networking hardware and software, and soft skills necessary to provide service to internal and external customers.
- Maps completely to CompTIA's 2002 Network+ Certification exam objectives and is CAQC approved.
- Vendor-neutral coverage helps students develop a solid understanding of fundamental networking concepts.
- Optional Lab Manual for Network+ Guide to Networks, Second Edition provides additional hands-on exercises.

Student Experiences

- Features extensive end-of-chapter review questions, hands-on projects, and in-depth case projects so skills can be practiced as they are learned.
- Certification test preparation software provides the practice experience needed for exam day.

Assessment

Network+: A Guide to Networks, Second Edition is designed to prepare users for CompTIA's newly-revised 2002 Network+ certification exam, and fully maps to the exam objectives. The book is also an excellent general networking book, covering networking hardware and software, and the soft skills necessary to provide service to internal and external customers. Included in the book are several useful resources that any networking professional

would find handy, including a directory of hardware resources, examples of standard networking forms, and a NetWare/Windows NT command reference.

Organization

1. An Introduction to Networking
2. Networking Standards and the OSI Model
3. Network Protocols
4. Transmission Basics and Networking Media
5. Physical and Logical Topologies
6. Networking Hardware
7. WANs and Remote Connectivity
8. Network Operating Systems and Windows 2000-Based Networking
9. NetWare-Based Networking
10. Networking with UNIX
11. Networking with TCP/IP and the Internet
12. Troubleshooting Network Problems
13. Maintaining and Upgrading a Network
14. Ensuring Integrity and Availability
15. Network Security
16. Managing Network Design and Implementation

Resource Materials

Gratis Items To Be Provided And Under What Conditions

Instructor's Resource Kit (0-619-06302-5) Free 1 per teacher

Available Ancillary Materials

Lab Manual (0-619-12134-3)

RESEARCH DATA AND EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor the Kentucky Department of Education.

NOTE: Please complete this section by indicating the research data and evidence of effectiveness or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate ***“not available”*** in the space.



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Networking



Title: Network + Guide to Networks		Cost: \$ 47.50	
Publisher: Thomson Learning/Course Technology			
Item Evaluated: Textbook and Software			
Copyright Date: 2—2		Evaluator: Scott Horan	
Content Level: 9-12		Date of Evaluation: 7/30/2003	
Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:	
<input checked="" type="checkbox"/>	Recommended by reviewers to State Textbook Commission
<input type="checkbox"/>	Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.



Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Networking



Title: Network + Guide to Networks	Publisher: Thomson Learning/Course Technology
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Technology Management Summary Data:	20 possible points	<u>16</u> points earned
Technology Management Comments:		
Technology Presentation/Interface Summary Data:	40 possible points	<u>33</u> points earned
Technology Presentation/Interface Comments:		
Content Summary Data:	36 possible points	<u>36</u> points earned
Content Comments:		
Instruction & Management Summary Data	52 possible points	<u>52</u> points earned
Instruction & Management Comments:		
Organization & Structure Summary Data	36 possible points	<u>30</u> points earned
Organization & Structure Comments: Two books (text and lab manual and a CD)		
Resource Material Summary Data	40 possible points	<u>37</u> points earned
Resource Material Comments: The CD with test management and Power Point presentations was excellent.		



Group V - Career /Technical & Vocational/Practical Living **Electronic Instructional Media Review Form Network + Guide to Networks—Thomson Learning/CT** **Stand Alone/Independent or Integrated Software for IT Networking**

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost: Free w/class set	
Windows	Primary	Individual	Stand Alone/Independent	_____single copy	_____site license
Macintosh	Intermediate	Small Group	Integrated	_____network version	_____school version
CD-ROM	Middle	Large Group	Supplemental	_____lab pack of ____ copies	_____online
DVD	High		In lieu of basal test		
Sound					
Other					

If other, explain _____

Type of Software: Check all that apply	_____Simulation	_____Management	_____Interdisciplinary	_____Problem Solving	_____Tutorial
_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	Tests-Other: _____

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	4
Allows students to exit and resume at a later time.	4
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	0
Allows for printed reports.	4
Comments:	Total
	16

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	3
Accessible for special needs students.	3
Runs smoothly, without long delays.	4
Presents easy-to-view text and graphics.	3
Presents easy-to-hear and understand sounds.	0
Avoids unnecessary screens, sounds, and graphics.	4
Provides immediate, appropriate feedback.	4
Comments:	Total
	33

Content—IT Networking	Rating
Career Focus/Employability Skills/Workplace Readiness Skills	4
Network Hardware/Software Operation	4
Network Hardware/Software Installation	4
Network Analysis Design	4
Network Configuration Implementation	4
Network System Testing	4
Network Monitoring and Management	4
Network Administration and Maintenance	4
Major Networking Companies: Cisco, Nortel, Novell, Microsoft, CompTIA , Apple, etc.	4
Comments:	Total 36

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideas	4
Engages Students	4
Develops Computer Maintenance Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	4
Commonwealth Accountability Testing System (CATS) “like” Assessment is provided	4
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	4
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	4
Comments:	Total 52

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	4
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	0
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	2*
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments: * Paperback text	Total 30

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	4
Extension activities including adaptations and accommodations for students with special needs.	4
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	4
Suggestions are made for integration of themes and /or interdisciplinary instruction.	4
Integration opportunities suggested and examples given.	4
Teacher resources are available online.	4
Online resources available – Repeat of information in text.	3
Online resources available – Practice skills only.	3
Online resources available – New application materials.	3
Comments:	Total 37

Rating Scale:	
4—All or the time	2—Minimally
3—Some of the time	1—None of the time
	0— Not applicable